

QP Code: 101154

Reg. No.:.....

**PG Degree Supplementary Examinations in Orthopaedics (MS) -
November 2017**

Paper I - Basic Sciences Applied to Orthopaedics & Traumatology

Time: 3 hrs

Max marks:100

- *Answer all questions*
- *Draw diagrams wherever necessary*

Essays:

(20)

1. Discuss the pathogenesis of non-traumatic avascular necrosis head of femur in the adult. Discuss the role of non-surgical management in avascular necrosis.

Short Essays:

(8x10=80)

2. Anatomy of growth plate
3. Tumour markers in orthopaedics
4. Uric acid metabolism in gout
5. Hyponatremia in orthopaedic patients
6. Level of evidence in clinical research
7. Anatomy of fibrous flexor sheath of finger
8. Lubrication of synovial joints
9. Neurogenic bladder
